

AGS MAINTENANCE/MODIFICATIONS/REPAIRS

Nov. 5, 1998 SHUTDOWN

R. Zaharatos - Nov. 4, 1998 Rev. 3

SHUTDOWN SCHEDULE - Closeout Status

November 5, 1998 @1800 Hours

NOV. 5

0001 Beam off to LESBII Separator for cool-down.(no later, earlier if possible)
0700 HEP off. Linac beam off for source change. Set all AGS Ring, Booster, and SEB Equipment to off.
Make certain all equipment cooled by Towers 1 and 4 has been secured for cleaning of towers.
Begin Separators conditioning and repairs.
0720 Cooling Towers 1 and 4 off for cleaning.
Begin AGS Ring Controlled Access LOTO
0800 Begin Access Controls recertification testing for Linac. HP survey of Linac as required for access to AGS HEBT Door and Plug Door.
0845 Ring Controlled Access entries for scheduled jobs. HP surveys as required.
1030 Secure Linace for beam
1230 Booster equipment turn-on
Secure AGS Ring
1330 Linac beam on for BLIP
1400 Begin AGS equipment turn-on preceeded by a short test of "G" and "H"
FEB Bumps.
HEP Set-up for A,B, and C
1600 HEP for A,B, and C
1930 HEP for A,B,C, and D.

PRIMARY JOBS

AGS RING SYSTEMS

- C 1. Repair RF Station "E"
 - C 2. Check H10 Flag video
 - C 3. Check F10 water flow video
 - C 4. Repair H9 BLM
 - C 5. Install and test PMT assembly for A20 Flying Wire
 - C 6. G7 PUE preamp repair.
 - RS 7. Test Splitter vacuum valve alarms
 - C 8. Replace HV contactor for G09 Bump and test(LOTO for dummy load)
 - C 9. Test H10 P.S..
 - C 10. Complete the replacement of sector valve air lines with copper
 - RS 11. Replace D-17 turbo roughing valve
 - C 12. Replace fan in controller chassis in Siemen's Control Rm.
 - C 13. Replace existing V108 utility modules with modified modules(H10,E10,A10)
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- RS 14. Ring test of new roll-a-round portable rad. shield
 - C 15. Inspect/clean Siemen's brushes
 - C 16. Replace Feedback Ampl. In Station K
 - C 17. Check KEK(L10) gap short relays
 - C 18. Switch (Spec. Ejec.) Pumps for winter operation
 - C 19. Change F10 Driver P.S.
 - C 20. Repair BTA Loss Monitor Argon Leak (found at L20/A1)

- C 21. Repair A3 and G3 PUES.**
- C 22. Replace leaking hose fittings (2) on F10 Ejector Manifold.**
- C 23. Siemens Brkr. - Replace oil seals on drain plugs.**

BOOSTER RING SYSTEMS

- C 1. Replace controllers for D3b/D4 and D5/D6(external)**

LINAC SYSTEMS

- C 1. Access Controls System 6 month checks for recertification**
- C 2. Replace Source**

SEB

- C 1. Separators conditioning (Except for LESB II Repair)**
- C 2. LESBII cable repair.(requires a 12 hour cool-down which begins at 0001hrs.)**
- C 3. Cleaning of Towers 1 and 4.**
- RS 4. Repair replace cameras as necessary - AF238**
- RS 5. Replace CF440 camera**
- RS 6. Work on SEB Loss Monitor electronics**
- C 7. Replace Turbo Sta. 3 (D6 Separator Cave)**

"U" LINE

- C 1. Reinstall/setup camera for UF3 Flag**
- C 2. Check sector valve and interlock operation**
- C 3. UF2 - No Power**

"V" TARGET

- C 1. Repair VSEC (Shorted Cable)**

OTHER

Repair of 13.8 KV Feeder - Requires Power Outage from 1600 Hrs. - 2200 Hrs.
Effects: Bldg. 925, 911 (New Wing), HITL, L18A, A10, F10, G18, H10 and E10.